

DIATOMITE STATISTICS
By Thomas D. Kelly and Thomas P. Dolley
[All values in metric tons (t) unless otherwise noted]

Year	Production	Imports	Exports	Stocks	Apparent consumption	Unit value (\$/t)	Unit value (98\$/t)	World production
1900	3,280				3,280	7.00	130	
1901	3,650				3,650	13.0	260	
1902	5,140				5,140	9.00	180	
1903	8,360				8,360	8.00	150	
1904	5,690				5,690	7.00	130	
1905	9,960				9,960	6.00	110	
1906	7,350				7,350	9.00	160	
1907	13,400				13,400	7.00	120	
1908					15,200	7.00	120	
1909	16,900				16,900	7.00	120	
1910					15,800	8.00	140	
1911	14,600				14,600	9.00	160	
1912	15,200				15,200	8.00	130	
1913	5,970				5,970	11.0	173	8,050
1914	9,990				9,990	10.0	162	10,100
1915	4,170				4,170	8.00	135	2,810
1916	2,470				2,470	10.0	145	2,710
1917	2,750				2,750	10.0	131	3,660
1918	2,690				2,690	8.00	91.0	2,850
1919	38,700				38,700	13.0	118	72,500
1920	56,200				56,200	17.0	142	103,000
1921	50,000				50,000	12.0	113	89,100
1922	40,600				40,600	9.00	84.0	60,800
1923	59,700				59,700	11.0	102	87,500
1924	57,300				57,300	11.0	105	82,500
1925	66,300				66,300	13.0	117	87,400
1926	79,000				79,000	12.0	114	95,000
1927	86,600				86,600	15.0	137	
1928	86,600				86,600	15.0	139	
1929	86,600				86,600	15.0	139	
1930	75,100				75,100	16.0	154	
1931	75,100				75,100	16.0	168	
1932	75,100				75,100	16.0	188	
1933	73,900				73,900	15.0	186	
1934	73,900				73,900	15.0	180	
1935	73,900				73,900	15.0	176	
1936	84,600				84,600	16.0	184	
1937	84,600				84,600	16.0	178	
1938	84,600				84,600	16.0	181	
1939	109,000				109,000	16.0	187	
1940	109,000				109,000	16.0	185	
1941	109,000				109,000	16.0	177	
1942	159,000				159,000	19.0	189	
1943	159,000				159,000	19.0	178	
1944	159,000				159,000	19.0	175	
1945	194,000				194,000	20.0	183	
1946	194,000				194,000	20.0	168	
1947	194,000				194,000	20.0	147	
1948	219,000				219,000	26.0	173	435,000
1949	219,000				219,000	26.0	175	435,000
1950	219,000				219,000	26.0	173	517,000
1951	275,000				275,000	30.0	188	581,000
1952	275,000				275,000	30.0	184	599,000

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1953	275,000				275,000	30.0	183	576,000
1954	351,000				351,000	31.0	187	658,000
1955	351,000				351,000	42.0	253	694,000
1956	351,000				351,000	44.0	263	689,000
1957	408,000				408,000	43.0	251	853,000
1958	408,000		54,400		354,000	46.0	260	1,220,000
1959	408,000		64,400		344,000	48.0	266	1,340,000
1960	437,000		83,500		354,000	50.0	272	1,410,000
1961	437,000		86,200		351,000	51.0	276	1,490,000
1962	437,000		98,900		339,000	50.0	270	1,510,000
1963	526,000		102,000		425,000	51.0	270	1,380,000
1964	526,000	519	116,000		411,000	51.0	266	1,450,000
1965	526,000	160	103,000		423,000	50.0	258	1,490,000
1966	569,000	0	131,000	50.0	438,000	52.0	263	1,520,000
1967	569,000	140	134,000	50.0	435,000	53.0	257	1,570,000
1968	569,000	120	149,000	33.0	420,000	58.0	272	1,620,000
1969	543,000	43.0	160,000	37.0	383,000	61.0	271	1,600,000
1970	542,000	439	140,000	37.0	403,000	55.0	229	1,590,000
1971	486,000	120	129,000	37.0	357,000	64.0	259	1,550,000
1972	523,000	57.0	134,000	38.0	388,000	65.0	254	1,570,000
1973	552,000	149	161,000	36.0	391,000	59.0	217	1,630,000
1974	603,000	3,350	169,000	36.0	437,000	76.0	252	1,710,000
1975	520,000	3,480	133,000	36.0	390,000	80.0	242	1,670,000
1976	572,000	4,680	135,000	36.0	442,000	87.0	249	1,430,000
1977	588,000	591	138,000	36.0	451,000	99.0	265	1,470,000
1978	591,000	181	139,000	36.0	452,000	111	278	1,460,000
1979	650,000	479	154,000	36.0	496,000	126	283	1,510,000
1980	625,000	268	157,000	36.0	468,000	146	289	1,520,000
1981	623,000	349	147,000	36.0	476,000	165	295	1,690,000
1982	556,000	229	128,000	36.0	428,000	176	297	1,720,000
1983	562,000	314	132,000	36.0	429,000	185	302	1,700,000
1984	569,000	307	115,000	36.0	454,000	193	302	1,750,000
1985	576,000	4,490	109,000	36.0	472,000	200	303	1,840,000
1986	570,000	711	119,000	36.0	452,000	204	304	1,840,000
1987	596,000	6,030	126,000	36.0	477,000	225	323	1,610,000
1988	629,000	2,720	147,000	36.0	484,000	229	315	1,670,000
1989	617,000	838	137,000	36.0	481,000	222	291	1,660,000
1990	631,000	689	144,000	36.0	488,000	219	273	1,680,000
1991	610,000	436	152,000	36.0	458,000	229	275	1,600,000
1992	595,000		163,000	36.0	432,000	237	275	1,350,000
1993	599,000		165,000	36.0	456,000	251	283	1,390,000
1994	613,000	379	157,000	36.0	456,000	248	273	2,020,000
1995	722,000	259	144,000	36.0	578,000	238	255	2,080,000
1996	729,000	1,550	143,000	36.0	588,000	242	252	2,100,000
1997	773,000	2,040	140,000	36.0	635,000	244	248	2,170,000
1998	725,000	2,000	138,000	36.0	589,000	248	248	2,150,000

Diatomite Worksheet Notes

Data Sources

The sources of data for the diatomite worksheet are the mineral statistics publications of the U.S. Bureau of Mines and the U.S. Geological Survey—Minerals Yearbook (MYB) and its predecessor, Mineral Resources of the United States (MR); and Mineral Commodity Summaries (MCS). The years of publication and corresponding years of data coverage are listed in the References section below. Blank cells in the worksheet indicate that data either were not available or were withheld from publication because they are proprietary.

Production

Production data for the years 1900–98 were recorded from the MR and the MYB. Production data for the years 1900–12 represent the summed weights of infusorial earth (diatomite) and tripoli that were produced within the United States. Production data for the years 1908 and 1910 were withheld for proprietary reasons. Production data for the years 1915–18 did not completely represent the total quantity of diatomite produced in the United States because it was reported that a considerable proportion of the production data was withheld for proprietary reasons. Annual production data for the years 1927–68 were withheld for proprietary reasons, but 3-year production totals were reported in the MR and the MYB. Therefore, annual production data for the years 1927–68 were estimated by averaging the reported 3-year production totals.

Imports

Import data for the years 1946–63 were withheld for proprietary reasons. Import data for the years 1964–98 were recorded from the MYB.

Exports

Export data for the years 1946–57 were withheld for proprietary reasons. Export data for the years 1958–98 were recorded from the MYB.

Stocks

Stock data for the years 1951–65 were withheld for proprietary reasons. Stock statistics for the years 1966–98 were recorded from the MCS.

Apparent Consumption

Apparent consumption statistics for the years 1900–78 were estimated as being equal to production plus imports minus exports plus or minus changes in stocks. Apparent consumption statistics for the years 1908 and 1910 were interpolated from the apparent consumption data series because production data were withheld for those years. Apparent consumption statistics from 1979–91 and from 1994–98 were recorded from the MYB. Apparent consumption statistics for the years 1992–93 were not available from the MYB. Subsequently, apparent consumption statistics for the years 1992–93 were recorded from the MCS.

Unit Value (\$/t)

Unit value is defined as the value of 1 metric ton (t) of diatomite apparent consumption. Unit value was estimated as being equal to the average value per metric ton of diatomite that was produced within the United States. Unit value data for the years 1908 and 1910 were interpolated from the unit value data series because production data were withheld for those years.

Unit Value (98\$/t)

Unit value is estimated in terms of constant 1998 dollars by dividing the actual unit value data by the consumer price index conversion factors, with 1998 as the base year.

World Production

World production data for the years 1913–26 and 1948–98 were recorded from the MR and the MYB.

References

- U.S. Bureau of Mines, 1927–33, Mineral Resources of the United States, 1924–31.
———1933–96, Minerals Yearbook, 1932–94.
———1978–95, Mineral Commodity Summaries, 1978–95.
- U.S. Geological Survey, 1901–26, Mineral Resources of the United States, 1900–23.
———1997–2000, Mineral Commodity Summaries, 1997–2000.
———1997–2000, Minerals Yearbook, v. 1, 1995–98.
- U.S. Geological Survey and U.S. Bureau of Mines, 1996, Mineral Commodity Summaries, 1996.

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